

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

10287.34

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

09/807596

INTERNATIONAL APPLICATION NO.

PCT/JP99/05648

INTERNATIONAL FILING DATE

13 OCTOBER 1999

PRIORITY DATE CLAIMED

13 OCTOBER 1998

TITLE OF INVENTION

AUTOMATIC SEPARATOR/EXTRACTOR AND METHOD FOR CONTROLLING SAME

IC04 Rec'd PCT/PTO 13 APR 2001

APPLICANT(S) FOR DO/EO/US

Hideji TAJIMA et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: Post Card, Express Mail Certificate; International Search Report in Japanese w/English Translation and cited references; Written Opinion in Japanese; Written Reply to Written Opinion and Amendments Under Article 34 of PCT (Japanese and English Translation); and International Preliminary Examination Report (Japanese)

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17. ☒ The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO ..... \$970.00International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$860.00International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$760.00International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$670.00International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$96.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS PTO USE ONLY

\$ 860.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS NUMBER FILED NUMBER EXTRA RATE

\$

Total claims 34 - 20 = 14 x \$18

\$ 252.00

Independent claims 4 - 3 = 1 x \$80

\$ 80.00

MULTIPLE DEPENDENT CLAIM(S) (if applicable) + 270

\$ 270.00

TOTAL OF ABOVE CALCULATIONS =

\$ 1462.00

Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement  
must also be filed (Note 37 CFR 1.9, 1.27, 1.28).

+

\$ 731.00

SUBTOTAL =

\$ 731.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$ 0.00

TOTAL NATIONAL FEE =

\$ 731.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$

TOTAL FEES ENCLOSED =

\$ 731.00

Amount to be  
refunded:

\$

charged:

\$

a. ☒ A check in the amount of \$ 731.00 to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 08-1394. A duplicate copy of this sheet is enclosed.NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Warren B. Kice  
Haynes and Boone, L. L. P.  
901 Main Street, Suite 3100  
Dallas, Texas 75202  
Phone: [214] 651-5634  
Fax: [214] 651-5940

SIGNATURE

Warren B. Kice

NAME

22,732

REGISTRATION NUMBER



04-16-01

09/807596  
JCO c'd PCT/PTO 13 APR 2001

PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Hideji TAJIMA et a.

Serial No.: United States National Phase  
of PCT/JP99/05648

Filed: Herewith

For: AUTOMATIC SEPARATOR/EXTRACTOR  
AND CONTROL METHOD THEREFOR

§  
§ Attorney Docket No.: 10287.34  
§  
§ I. A. Filing Date: 13 October 1999  
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§ Priority Date: 13 October 1998  
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Attention: DO/EO/US  
Commissioner for Patents  
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

Express Mail Number: EL828063965US

Date of Deposit: April 13, 2001

I hereby certify that the following papers and fee are attached: Transmittal for United States National Phase; Copy of PCT Request and International Application as filed (Japanese); English Translation of International Application as filed; Copy of Published International Application w/English Translation of 1<sup>st</sup> page of published document; Copy of the International Search Report w/cited references (Japanese and English translation); Copy of Written Opinion (Japanese); Copy of Response to Written Opinion and Article 34 (Japanese and English Translation); Copy of the Preliminary Examination Report (Japanese); Declaration/Power of Attorney; Preliminary Amendment; a Check in the amount of \$731.00; and a Return Postcard are being deposited with United States Postal Service "Express Mail Post Office to addressee" to the Commissioner for Patents, Washington, D. C. 20231.

Lydia Epps-Hilliard  
Typed or Printed Name

[Signature]  
Signature

April 13, 2001  
Date

d-888604.1